

INSTRUCTION BOOK

and

SPARE PARTS LIST

for

THE ALLEN

SELF-PROPELLED

MOTOR SCYTHE

Model "T"



JOHN ALLEN & SONS (OXFORD) LTD.

ENGINEERS

COWLEY, OXFORD, ENGLAND

Telegrams :
"ALLENSON, OXFORD"

Telephone :
OXFORD 7155 (Three lines)

JOHN ALLEN & SONS (Oxford) Ltd.
COWLEY :: OXFORD

Manufacturers' Warranty

THE goods supplied by the Company shall be accepted by the purchaser subject to the conditions hereinafter mentioned and subject to the following express warranty, which excludes all warranties, conditions and liabilities whatsoever, whether statutory or otherwise, which might exist against the Company, but for provision, viz.:

In the event of any defect being disclosed in any part or parts of the goods and if the part or parts alleged to be defective are returned to the Company's works carriage paid within six months after delivery, the Company undertakes to examine same, and should any fault due to defective material or workmanship be found on examination by the Company, it will repair the defective part or supply free of charge a new part in place thereof.

The Company's responsibility is limited to the terms of this guarantee, and it shall not be answerable for any contingent or resulting liability, or loss arising through any defects.

This guarantee does not relate to defects caused by wear and tear, misuse or neglect, or to the defects in any parts which have been altered after leaving the Company's works.

JOHN ALLEN & SONS (OXFORD) LIMITED issue no warranty of the goods except as stated herein. This warranty is limited to the despatch to the purchaser without charge except for transportation of the part or parts, whether new or repaired, in exchange for those acknowledged by the Company to be defective. The purchaser shall send to the Company's Works such part or parts as are alleged or claimed to be defective promptly on discovery of the claimed defect. Transportation is to be prepaid by the purchaser, and said part or parts to be properly packed for transit and clearly marked for identification with the name and full address of the purchaser and with the maker's number of the machine from which the said part or parts were taken.

The purchaser shall post to the Company at its works on or before despatch of such part or parts alleged to be defective, a full and complete description of the claim and the reasons therefor.

The Company does not guarantee the specialties of other firms, such as magnetos, carburetters, etc.

The judgment of JOHN ALLEN & SONS (OXFORD) LIMITED in all cases of claims shall be final and conclusive, and the purchaser agrees to accept its decision on all questions as to defects and to the exchange of part or parts. After the expiration of six days from the despatch of notification of the Company's decision, the part or parts submitted may be scrapped or returned, carriage forward, by the Company.

This is to Certify that an ALLEN MOTOR SCYTHIE, No., is covered by the provisions of Warranty as above defined and registered as the property of :—

.....
.....
.....

For and on behalf of
JOHN ALLEN & SONS
(OXFORD) LTD.

Date.....

To : JOHN ALLEN & SONS (OXFORD) LTD, COWLEY, OXFORD.

I have purchased an ALLEN MOTOR SCYTHIE, No. (which will be found stamped on)
..... (the plate on top of Engine Cowl)

Date of Delivery of Machine..... Price Paid.....

Purchased from of

Please return the form of Warranty duly signed, which I accept on the conditions mentioned therein

Signature

Name (BLOCK LETTERS)

Address

When this is filled up by the purchaser :—

THE SALE OF ANY BULBS, SEED OR SEED POTATOES IS MADE WITHOUT WARRANTY OF GERMINATION OR CROP RESULT. ALL OFFERS SUBJECT TO BEING UNSOLD.
WE RESERVE THE RIGHT TO CANCEL ALL ORDERS OTHER THAN THOSE FOR IMMEDIATE DELIVERY.

TELEPHONES & TELEGRAMS
RESIDENCE: DEEPIING ST NICHOLAS 224
OFFICE: 251
FARMS MANAGER: 252
NURSERIES MOULTON 383
FARMS:
WHAPLODE: MOULTON 384
THORNEY: THORNEY 331
CARRINGTON: SIBSEY 208
COUNTER DRAIN: TONGUE END 61

T. R. PICK LIMITED
FARMERS
DEEPIING ST NICHOLAS
SPALDING
LINCOLNSHIRE

STATIONS:
LITTLEWORTH
NORTH DROVE
WRYDE
MOULTON
COUNTER DRAIN
SIBSEY
BANKERS:
BARCLAYS BANK LTD SPALDING

Mr. E. G. Taverner,
Engineer's Office,
Deepling House,
Welland Terrace,
SPALDING, Lincs.

21st April, 1952.

Allen Motor Scythe.

Dear Sir,

We enclose herewith, as promised, illustrated brochure
in respect of the above, together with price list for accessories
and attachments.

Yours faithfully,
per pro T. R. PICK LTD.

J. Manton

JHM/JAP.

The WAarranty



THIS WARRANTY IS NOT EFFECTIVE UNTIL
IT HAS BEEN SIGNED BY THE MAKERS

PRICE LIST
of
SPARE PARTS
for
The ALLEN
SELF-PROPELLED
MOTOR SCYTHE
MODEL "T"

Part No.	Description	Each	
		£	s. d.
			8
1	Knife Section	3	7
5	3-ft. Knife bar	3	9
6	Finger (single)	4	0
6 RH	Finger (double) right hand	8	0
6 LH	Finger (double) left hand	8	0
93	11C Engine complete with carburettor, silencer, etc. (up to M.C. No. 40,000)	24	2 2
62	Oil can	2	15 0
66	Carburettor (Midget) complete	1	1
73A	Rivet (long) for knife section	1	1
73B	Rivet (short) for knife section	1	6
75B	Bolt for finger and finger bar fixing	1	1
75D	Lock washer for above	1	6
83A	Nut for cutter crank $\frac{1}{2}$ "	1	1
85	Split pin $1" \times \frac{1}{4}"$ for cutter crank	3	6
89	Nut for engine stud and bell crank bolt	1	0
94	Starting cord	1	0
94A	Starting cord handle	1	0
124	Washer for engine stud	4	6 0
193	Road wheel (key fitting)	Maker's List	
194	Outer cover	Maker's List	
195	Inner tube	1	9
206	Key for road wheel Part No. 193	1	1
220	Washer for petrol tank set screw	2	0
246	Knife pad	2	7
249	Bolt and nut for knife pad	6	6
281	Knife bar lug	15	0
282	3-ft. Finger bar	12	6
285	Crank die	12	6
288	Ball bearing for cutter crank	1	0
289	Bolt and nut for balance weight	1	1
289A	Split pin $1" \times \frac{1}{4}"$ for balance weight	6	
314	Bolt and nut for rocker spring	1	1
314A	Lock washer for rocker spring bolt	1	6
348	$\frac{1}{4}" \times \frac{5}{16}"$ spanner	2	6
349	$\frac{3}{8}" \times \frac{7}{16}"$ spanner	1	5 0
361	4-ft. Finger bar	1	5 0

LIST OF REPLACEMENT PARTS
VILLIERS Mk25 FOUR STROKE ENGINE
WITH MAGNETO AND CARBURETTER.
SPECIFICATION No. 187A.

Part No.	Component.	No.		Price Each.	
		Per Set.		£	s. d.
ENGINE.					
	Cylinder Head	1		1	0 0
M163	" Bolt, Long	2		1	0 6
M673	" " Short	4			2 4
M225	" " Washer	6			3 3
E373	Gasket, Cylinder Head	1	3	5	6
M164	Cylinder with Studs, Valve Guides	1			2 0
M160	Cylinder Base Washer	2		4	3
M201	" Valve Guides	1		5	3
M119	" Valve, Inlet	2	prs.	1	3 pr.
M116	" " Exhaust	2			7 8
M393	Valve Cotter	2			10
M117	" Spring	2			1 0
M140	" " Top Seat	2			3 3
M126	" " Bottom Seat	1		1	0 3
M118	Breather Valve Complete	1			3 7
M207	" " Washer	1			2 2
H104x8	Valve Cover Plate	1			6 2
M486	" " Joint Washer	1			18 0
M200	" " Bolt	1			2 3
M218	" " Washer	1			2 3
V476	Piston, Std. Size	1			2 6
M168	" ".015" Oversize	1			2 6
M312	" ".03" " "	1			2 3
M313	Compression Ring, Std. Size	3			2 6
M211	" ".015" Oversize	3			2 6
M316	" ".03" " "	3			2 3
M317	Piston Scraper Ring, Std. Size	1			2 6
M166	" ".015" Oversize	1			2 6
M320	" ".03" " "	1			2 3
M321	Gudgeon Pin	2			4 0
M165	" " Circlip	1		1	18 0
M132	Connecting Rod Assembly	1		1	8 0
M306	" " and Cap	2		1	6 1
M294	" " Bolt	2			2 0
M131	" " Nut	2			3 6
M196	" " Split Pin	1			3 6
M283	" " Bush	1			3 0
M179/1	" " Liner	1			19 0
M305	" " .02" Undersize	1		3	6 0
M614	Crankcase, Spigotted	2			2 0 0
M1125	Tappet Guides	2			2 0 0
M114	Tappet	2			9 1
M184	" Cap	As reqd.			3 2
M185	" Packing Discs	4			2 2
M219	Cylinder Base Studs	4			2 9
M238	Nut for Base Studs	4			18 3
M239	Washer	1			
M284	Bearing Housing	5			
M190	" " Studs				
Z1010x6					

Part No.	Component.	No.	Price Each.		
			Per Set.	£	s. d.
ENGINE—contd.					
E401	Nuts for Studs	5			2
E1430	1/4" Spring Washers	5			2
M220	Screw for Housing	1			3
MS,10	Ball Bearing	2		*	
M381	Gland Bush	1	2	6	
E4531	" Spring	1		10	
M215	Housing Joint Washer	1		3	
M1120	Inlet Stud, Cylinder	2		6	
M1123	Exhaust Stud, "	2		6	
M1126	Exhaust Pipe	1	15	0	
M202	Exhaust and Inlet, Joint Washer	2		2	
M1094	Crankshaft, less Gear	1	2	5	0
M123	" Gear	1		9	0
E4873	Key for Gear	1		3	
M204	Ball Bearing Packing Washer	As reqd.		3	
M111	Camshaft	1	15	0	
M124	" Gear	1	12	6	
E4873	" Woodruff Key	1		3	
M206	" Spindle	1		3	
M286/1	Governor Gear Assembly	1	3	6	
M176/2	" " Wheel	1	13	6	
M128/1	" " Spindle	1	9	9	
M129/1	" " Sleeve	1		6	
M701	" " Weight	2	2	6	
M217	" " Pin	2		8	
M198	" Sleeve Guide Pin	2		6	
V111x2	" Split Pin	2		6	
M341	" Spindle Locking Plate	6		1	
E364	" Nut	1		2	
M1178	Crankcase Base	1	1	18	10
M214	" " Joint Washer	1		3	
M134	" " Bolt	4		1	0
FG186	" " Washer	4		2	
E4956	" " Cowl Studs	2		3	
E6292	Base Drain Plug	2		10	
V107x3	" " Washer	2		3	
M212	" Filler Plug	2		1	7
FG156	" " Washer	2		3	
M224	Oil Trough	1	3	10	
E401	" Nut	3		2	
E1430	1/4" Spring Washer	3		2	
Z1010x6	Studs for Oil Trough	3		3	
M1112	Bush, Governor Crank	1	1	0	
M1111	Governor Crank	1	4	0	
M1113	Circlip, Governor Crank	1	4	0	
M1114/1	Governor Lever	1	4	0	
M1115	" " Bolt	1		6	
E401	" " Nut	1		2	
E1430	1/4" Spring Washer	1		2	
M1116/1	Governor Link	1	1	0	
V626	Pivot Pin	2		3	
1004x5	" Nut	2		1	
M1095	Inlet Pipe	1	10	6	
W185	Carburettor to Inlet Pipe Bolt	2		4	
E2539	Nut for Bolt	2		2	
E1430	1/4" Spring Washer	2		2	
M216	Carburettor Joint Washer	1		2	
E2539	Nut, Exhaust and Inlet Stud	4		2	
E1430	1/4" Spring Washer	4		2	
M222	Governor Spring	1		6	
M223	" Anchor Bolt	1	1	0	
E4869	" Adjuster	1		3	
1002x15	" Locknut	2		2	
E422	Crankshaft Nut, Drive Side	1		5	

Part No.	Component.	No.	Price Each.		
			Per Set.	£	s. d.
ENGINE—contd.					
E424	Spring Washer, for Nut	1			2
M1117	Cowling	1	1	9	0
M670/F	" Front Cover	1		4	0
M1228	Front Cover Screw	4		3	
M539	Cowl Top Bolt	2		3	
M258	Ignition Cut-out Strip	1		6	
E364	Cowl Fixing Nut	2		2	
E1050	Spring Washer	2		2	
FG186	Plain Washer	2		2	
M360	Throttle Plate	1		9	
M362	" " Screw	1		2	
M367	" " Lever and Spindle	1		3	0
MAGNETO.					
M1154C	Flywheel Assembly, less Fan and Starting Pulley	1	3	12	9
M1119	Starting Pulley	1	1	5	0
M208/2	Fan (Alum.)	1	1	2	6
M1159	Starting Pulley Bolt	3		4	
E1430	1/4" Spring Washer	3		2	
M1571	Armature Plate Assembly	1	3	8	0
M1361	Ignition Coil	1	1	0	0
M1834	Condenser Box Assembly Complete	1	1	18	6
M1750	Condenser	1		4	6
1053x1	" Box Fixing Stud	2		3	
1002x13	" " Washer	2		3	
1002x15	" " Nut	2		2	
1015x7	" " Box Cover	2		2	
1015x6	Clip and Pillar for Cover	1		4	
M1873	Point Bracket and Pivot Pin	1		7	
M1803	Insulating Pad	1	2	3	
M2011	Condenser Box only	1		3	
M1801	Point Bracket Fixing Screw	5		0	
M1805	Insulating Washer	1		4	
M1802	Brass Washer	1		2	
1006x3	L.T. Lead Fixing Screw	1		2	
1113x5	4 B.A. Washer for "	1		2	
M1632	Rocker Arm	1		1	
1047x3	" Spring	1	4	6	
482	L.T. Lead with Sleeve	1		3	
M289	High Tension Lead Complete	1		6	
1046x13	" " Spring Pad	1	4	6	
1010x11	" " Spring	1		2	
3/8" No. 2	" " Screw	1		2	
E869	" " Terminal Washer	1		2	
1124x8	" " Terminal	1		3	
M1797	Pole Shoe Screw (Fan)	1	1	0	
1002x15	Nut for Screw	4		3	
1002x13	Washer for Screw	4		2	
CARBURETTER, TYPE 3/4.					
V648C	Body with Fuel Bush, Needle Lever	1	13	3	
V107x5	Top Ring	1	1	3	
V603E	Top Disc with Guide Peg	1	1	9	
V580E	Throttle	1	4	3	
V137x12	Taper Needle No. 3 1/2	1		9	
V107x7	" " Spring	1		9	
V107x15	Body Clip	1		3	
V107x16	" " Screw	1	2	0	
V586E	Throttle Spring	1		6	
V381E	Banjo Union	1		6	
V382E	" Bolt	1	1	9	
V404E	" Filter Gauze	1	1	0	
H104x8	" Washer, Large Hole	1		6	

Part No.	Description	Each		
		£	s.	d.
			6	
669	Paul stud nut $\frac{1}{8}$ " B.S.F. ...		1	
670	Pawl stud washer ($\frac{1}{8}$ " hole) ...	4	0	0
676	Road wheel only, ratchet drive for $\frac{1}{8}$ " studs ...		9	
677	Steel washer for axle on ratchet drive machines ...		5	
685	Pawl stud nut $\frac{1}{8}$ " B.S.F. ...	1	1	6
698 R	Swath board, right-hand ...	1	1	6
698 L	Swath board, left-hand ...	1	1	6
718	Petrol tank... ..		9	
732	Transfer (Clutch Instructions) ...		3	0
740	Filler cap and measure (M/c. No. 51,681 and up) ...		3	
E.3815	Tubular box spanner ...		3	1
E.3816	Tommy bar for above ...		6	
M.1665	Screwdriver and gauge magneto point ...		3	1
D.2497	Sparking plug spanner ...		3	1

All prices are "at Works", carriage or postage extra.
Prices are subject to withdrawal without notice.

When ordering, please quote Spare Part Number and Machine Number. Always fit genuine "Allen" Parts.

JOHN ALLEN & SONS (OXFORD) LTD.
COWLEY, OXFORD, ENGLAND

Telegrams : **"ALLENSON, OXFORD"**
Telephone : **OXFORD 7155 (Three Lines)**

Part No.	Component.	No.		
		Per Set.	Price Each.	
		£	s.	d.
CARBURETTER, TYPE 3/4—contd.				
V383E	Small Hole ...	1	10	3
EM693	Air "Filter" with Strangler ...	1	1	6
EM618	" " Clip ...	1	3	2
E5102	" " Screw ...	1	5	5
1002×15	" " Nut ...	1	3	3
V207E	" Tickler" ...	1	1	6
V369E	" Spring ...	1	6	9
V111×2	" Split Pin ...	2	9	6
V105×10	Compensating Tube ...	1	6	6
V257E	Fuel Needle Lever ...	1	3	6
V107×2	Fibre Washer, Float Cup ...	1	3	3
V107×1	Float ...	1	1	0
V146×6	" Cup ...	1	3	0
V105×7	Bottom Nut ...	1	5	2
V107×4	" Washer ...	1	2	9
V595	Centre-piece and Jet ...	1	2	9
V107×3	Fibre Washer ...	1	5	0
V355E	Fuel Needle ...	1	7	7
V234B/EP	Control Cable Assembly ...	1	7	2
V105×1	" " Adjuster ...	1		
V205×2	" " Locknut ...	1		
V108×15	Cable Nipple, Throttle End ...	1		

* Manufacturers' Current Price.

ALL PRICES IN THIS LIST ARE ADVANCED BY 30% AS FROM 10th DECEMBER, 1951, UNTIL FURTHER NOTICE.

Guarantee.

WE give the following guarantee with VILLIERS Engines and Accessories in place of any implied guarantee by statute or otherwise, all such guarantees being in all cases excluded. In the case of Engines or Accessories from which our Trade Mark, name, manufacturing number, or any instruction plate has been removed, no guarantee of any kind is given or is to be implied. VILLIERS Engines and Accessories used for purposes other than those approved and agreed by us in writing do not come within the terms of this guarantee.

WE GUARANTEE, subject to the conditions mentioned below that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship. This guarantee is to extend and be in force for six months from the date the Engine or Accessory is despatched by us, and during this period we will replace free of charge any part manufactured by us which may prove defective in workmanship or material.

As VILLIERS Engines and Accessories are liable to derangement by neglect or misuse, this guarantee does not apply to defects caused by wear and tear, misuse or neglect. We do not undertake to refit or bear the cost of replacement or refitting such new part. WE GUARANTEE, subject to the conditions mentioned below to make good at any time within six months any defects in these respects.

CONDITIONS OF GUARANTEE. If any part is claimed to be defective, the part or the Engine must be sent to us carriage paid and accompanied by an intimation by the sender that he desires to have it repaired free of charge under our guarantee. At the same time the number of Engine and full particulars of purchase must be furnished. Failing compliance with the above no notice will be taken of anything that may arrive but such articles will lie here at the risk of the sender, and this guarantee or any implied guarantee shall not be enforceable.

THE TERM AGENT is used in a complimentary sense only, and those firms whom we style our agents are not authorised to advertise, incur any debts, or transact any business whatsoever on our account other than the sale of goods which they may purchase from us, nor are they authorised to give any guarantee or make any representations on our behalf or sell subject to or with any conditions other than those contained in the above guarantee.